Gaia; 07/13/2005

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known		
				Application Number	10/533,580	
11	<b>VFORMATION</b>	1 DI	SCLOSURE	Filing Date	May 2, 2005	
l s	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Nobuo Kimura	
				Art Unit	N/A	
L	(Use as many sh	eets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	20241/0202878-US0	

U.S. PATENT DOCUMENTS						
Examiner   Cite   No.1		Document Number Publicati Number-Kind Code <sup>2</sup> ( <i>if known</i> ) MM-DD		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

	FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (il known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
	ВА	JP-10-298769-A	11-10-1998	KANSAI SHIN GIJUTSU KENKYUSHO:KK	Abstract only	1
	ВВ	WO-89/10575	11-02-1989	MITSUI TOATSU CHEMICALS, INC.		T
	ВС	JP-1-129032-A	05-22-1989	NIPPON SDOA CO LTD	Abstract only	١,
	BD	JP-2001-342018-A	12-11-2001	JAPAN CARLIT CO LTD; RENGAKUJI, SEIICHI	Abstract only	-
	BE	JP-9-208438-A	08-12-1997	ISHIHARA SANGYO KAISHA LTD	Abstract only	•
	BF	JP-2000-53421-A	02-22-2000	ISHIHARA SANGYO KAISHA LTD	Abstract only	1
	BG	JP-1-230407-A	09-13-1989	JAPAN SYNTHETIC RUBBER CO LTD	Abstract only	
	ВН	JP-58-127914-A	07-30-1983	MINNESOTA MINING & MFG	Abstract only	Γ
	BI	JP-57-136601-A		TORAY KK	Abstract only	Τ
	BJ	JP-1-163012-A	06-27-1989	HOYA CORP	Abstract only	Τ
	BK	JP-3-236386-A	10-22-1991	HOYA CORP	Abstract only	T
	BL	JP-3-281312-A	12-12-1991	HOYA CORP	Abstract only	T
•	ВМ	JP-4-159275-A	06-02-1992	HOYA CORP	Abstract only	Ť
	BN	JP-5-148340-A	06-15-1993	HOYA CORP	Abstract only	T
	во	JP-6-65193-A	03-08-1994	HOYA CORP	Abstract only	T
	BP	JP-6-256459-A	09-13-1994	HOYA CORP	Abstract only	Ť
	BQ	JP-6-313801-A	11-08-1994	HOYA CORP	Abstract only	Ť
	BR	JP-6-192250-A	07-12-1994	HOYA CORP	Abstract only	t
	BS	JP-7-63902-A	03-10-1995	HOYA CORP	Abstract only	t
	ВТ	JP-7-104101-A	04-21-1995	HOYA CORP	Abstract only	t
	BU	JP-7-118263-A	05-09-1995	HOYA CORP	Abstract only	†
	в۷	JP-7-118390-A	05-09-1995	HOYA CORP	Abstract only	T
	BW	JP-7-316250-A	12-05-1995	HOYA CORP	Abstract only	t
	вх	JP-60-199016-A	10-08-1985	MITSUI TOATSU CHEMICALS	Abstract only	T
	BY	JP-60-217229-A	10-30-1985	MITSUI TOATSU CHEMICALS	Abstract only	T
	BZ	JP-62-236818-A	10-16-1987	MITSUI TOATSU CHEM INC	Abstract only	Ť
	BA1	JP-62-255901-A	11-07-1987	MITSUI TOATSU CHEM INC	Abstract only	Ť
	BB1	JP-62-267316-A	11-20-1987	MITSUI TOATSU CHEM INC	Abstract only	T
	BC1	JP-63-130615-A	06-02-1988	MITSUI TOATSU CHEMICALS	Abstract only	T
	BD1	JP-63-130614-A	06-02-1988	MITSUI TOATSU CHEM INC	Abstract only	Ī

Receipt date: 07/13/2005

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sheets as necessary)

3

Sheet 2 of

Complete if Known				
Application Number	10/533,580			
Filing Date	May 2, 2005			
First Named Inventor	Nobuo Kimura			
Art Unit	N/A			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	20241/0202878-US0			

BE1	JP-63-46213-A			Abstract only	1
BF1	JP-63-245421-A		MITSUI TOATSU CHEM INC	Abstract only	1
	JP-63-265201-A		MITSUI TOATSU CHEM INC	Abstract only	1
	JP-64-90167-A		MITSUI TOATSU CHEM INC	Abstract only	1
	JP-64-90168-A		MITSUI TOATSU CHEM INC	Abstract only	1
11	JP-64-90169-A		MITSUI TOATSU CHEM INC	Abstract only	1
	JP-64-90170-A	04-06-1989	MITSUI TOATSU CHEM INC	Abstract only	1
	JP-1-96208-A		MITSUI TOATSU CHEM INC	Abstract only	1
	JP-1-152019-A	06-14-1989	MITSUI TOATSU CHEM INC	Abstract only	1
	JP-64-45611-A	02-20-1989	MITSUI TOATSU	Abstract only	1
	<u></u> _		CHEMICALS		4,
BO1	JP-1-213601-A		MITSUI TOATSU CHEM INC	Abstract only	- √
BP1	JP-64-26622-A		MITSUI TOATSU CHEM INC	Abstract only	-   √
BQ1	JP-64-54021-A		MITSUI TOATSU CHEM INC	Abstract only	- √
BR1	JP-1-311118-A		MITSUI TOATSU CHEM INC	Abstract only	1
BS1	JP-1-295201-A	11-28-1989	MITSUI TOATSU CHEMICALS	Abstract only	1
DT4	ID 4 000000 A	12-06-1989	MITSUI TOATSU	Abstract only	17
BT1	JP-1-302202-A	12-00-1969	CHEMICALS	/ Louis of the	'
BI II	JP-2-153302-A	06-13-1990	MITSUI TOATSU CHEM INC	Abstract only	1
	JP-1-295202-A	11-28-1989	MITSUI TOATSU CHEM INC	Abstract only	1
1	JP-2-802-A	01-05-1990	MITSUI TOATSU	Abstract only	1
	5. 2 302 X	1	CHEMCALS		
BX1	JP-2-36216-A	02-06-1990	MITSUI TOATSU CHEM INC	Abstract only	- √
BY1	JP-2-58517-A	02-27-1990	MITSUI TOATSU CHEM INC	Abstract only	Ì
BZ1	JP-2-167330-A	06-27-1990	MITSUI TOATSU CHEMICALS	Abstract only	7
BA2	JP-2-270859-A	11-05-1990	MITSUI TOATSU CHEM INC	Abstract only	1
	JP-3-84031-A		MITSUI TOATSU CHEM INC		1
	JP-3-84021-A	04-09-1991	MITSUI TOATSU CHEM INC		7
BD2	JP-3-124722-A	05-28-1991	MITSUI TOATSU	Abstract only	1
	ID 4 70004 A	02 12 1002	CHEMICALS MITSUI TOATSU CHEM INC	Abstract only	1
	JP-4-78801-A	03-12-1992	MITSUI TOATSU CHEM INC	Abstract only	17
BF2	JP-4-117353-A	04-17-1992			1
	JP-4-117354-A		MITSUI TOATSU CHEM INC		17
BH2	JP-4-256558-A		MITSUI TOATSU CHEM INC		V
BI2	JP-5-78441-A	10-22-1993			1
BJ2	JP-5-273401-A		MITSUI TOATSU	Abstract only	<del>-   `</del>
BK2	JP-5-93801-A	04-10-1993	CHEMCALS	Abstract only	
BL2	JP-5-80201-A	04-02-1993	MITSUI TOATSU CHEM INC		V
BM2	JP-5-297201-A	11-12-1993	MITSUI TOATSU CHEM INC	Abstract only	Ī
	JP-5-320301-A	12-03-1993	MITSUI TOATSU CHEM INC	Abstract only	1
	JP-5-208950-A		MITSUI TOATSU CHEM INC		
	JP-6-72989-A	03-15-1994			1
	JP-6-256342-A	09-13-1994		Abstract only	١
	JP-6-122748-A	05-06-1994			\
BS2		06-27-1995			``
			Date		
			Considered		

Sheet

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

3

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

3

\_\_\_\_\_\_

Complete if Known				
Application Number	10/533,580			
Filing Date	May 2, 2005			
First Named Inventor	Nobuo Kimura			
Art Unit	N/A			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	20241/0202878-US0			

BT2	JP-7-118357-A	05-09-1995	MITSUI TOATSU CHEM INC	Abstract only	1
BU2	JP-7-242722-A	09-19-1995	MITSUI TOATSU CHEM INC	Abstract only	1
BV2	JP-7-247335-A	09-26-1995	MITSUI TOATSU CHEM INC	Abstract only	1
BW2	JP-7-252341-A	10-03-1995	MITSUI TOATSU CHEM INC	Abstract only	$\sqrt{}$
BX2	JP-8-73732-A	03-19-1996	MITSUI TOATSU CHEM INC	Abstract only	1
BY2	JP-8-92345-A	04-09-1996	MITSUI TOATSU CHEM INC	Abstract only	-√
BZ2	JP-7-228659-A	08-29-1995	MITSUI TOATSU CHEM INC	Abstract only	4
BA3	JP-8-3267-A	01-09-1996	MITSUI TOATSU CHEM INC	Abstract only	4
BB3	JP-7-252207-A	10-03-1995	MITSUI TOATSU CHEM INC	Abstract only	1
BC3	JP-7-324118-A	12-12-1995	MITSUI TOATSU CHEM INC	Abstract only	$\sqrt{}$
BD3	JP-9-208651-A	08-12-1997	MITSUI TOATSU CHEM INC	Abstract only	4
BE3	JP-54-41965-A	04-03-1979	ASAHI GLASS CO LTD	Abstract only	1
BF3	JP-51-125487-A	11-01-1976	JAPAN ATOM ENERGY RES	Abstract only	4
BG3	JP-9-71580-A	03-18-1997	MITSUBISHI GAS CHEM CO	Abstract only	4
ВН3	JP-9-110979-A	04-28-1997	MITSUBISHI GAS CHEM CO	Abstract only	1
BI3	JP-9-255781-A	09-30-1997	MITSUBISHI GAS CHEM CO	Abstract only	√
BJ3	JP-3-81320-A	04-05-1991	MITSUI TOATSU CHEM INC	Abstract only	1
	JP-11-140070-A		MITSUI CHEMI INC	Abstract only	1
BL3	JP-11-183702-A	07-09-1999	MITSUI CHEM INC	Abstract only	1
ВМЗ	JP-11-189592-A	07-13-1999	MITSUI CHEM INC	Abstract only	
BN3	JP-11-180977-A	07-06-1999	MITSUBISHI GAS CHEM CO	Abstract only	1

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^3\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/Vera Katz/	Date Considered	12/23/2008

Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.